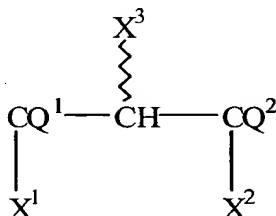


## Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the present application.

1. (presently amended) A compound according to formula (I)



(I)

wherein the compound of formula (I) is selected from the group of (i) and (ii)

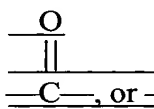
wherein (i) comprises

X<sup>3</sup> is (HO)<sub>2</sub>PO—Z<sup>1</sup>—;

one or both of X<sup>1</sup> and X<sup>2</sup> is R<sup>1</sup>—Y<sup>1</sup>—A— with each being the same or different, or optionally one of X<sup>1</sup> and X<sup>2</sup> is H;

A is either a direct link, (CH<sub>2</sub>)<sub>k</sub> with *k* being an integer from 0 to 30, or O;

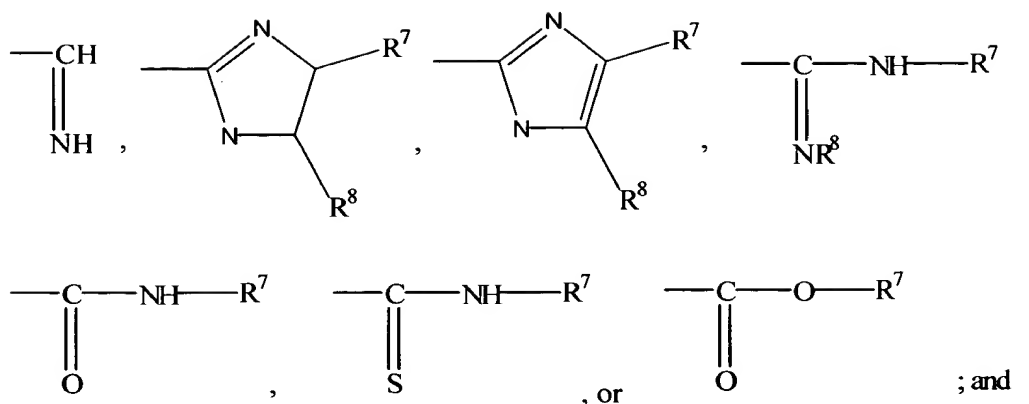
Y<sup>1</sup> is —(CH<sub>2</sub>)<sub>l</sub>— with *l* being an integer from 1 to 30, —O—, —S—,



Z<sup>1</sup> is —(CH<sub>2</sub>)<sub>m</sub>— or —O(CH<sub>2</sub>)<sub>m</sub>— with *m* being an integer from 1 to 50, —C(R<sup>3</sup>)H—, —NH—, —O—, or —S—;

Q<sup>1</sup> and Q<sup>2</sup> are independently H<sub>2</sub>, =NR<sup>4</sup>, =O, or a combination of H and —NR<sup>5</sup>R<sup>6</sup>;

R<sup>1</sup>, for each of X<sup>1</sup> and X<sup>2</sup>, is independently hydrogen, a straight or branched-chain C1 to C30 alkyl, a straight or branched-chain C2 to C30 alkenyl, an aromatic or heteroaromatic ring with or without mono-, di-, or tri-substitutions of the ring, an acyl including a C1 to C30 alkyl or an aromatic or heteroaromatic ring, an arylalkyl including straight or branched-chain C1 to C30 alkyl, an aryloxyalkyl including straight or branched-chain C1 to C30 alkyl,



R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, and R<sup>8</sup> are independently hydrogen, a straight or branched-chain C1 to C30 alkyl, a straight or branched-chain C2 to C30 alkenyl, an aromatic or heteroaromatic ring with or without mono-, di-, or tri-substitutions of the ring, an acyl including a C1 to C30 alkyl or aromatic or heteroaromatic ring, an arylalkyl including straight or branched-chain C1 to C30 alkyl, or an aryloxyalkyl including straight or branched-chain C1 to C30 alkyl;

wherein (ii) comprises

at least one of  $X^1$ ,  $X^2$ , and  $X^3$  is  $(HO)_2PO-Z^1-$  or  $(HO)_2PO-Z^2-$   
 $P(OH)O-Z^1-$ ,  $X^1$  and  $X^2$  are linked together as  $-O-PO(OH)-O-$ , or  
 $X^1$  and  $X^2$  are linked together as  $-O-PO(OH)-NH-$ ;


at least one or both of  $X^1$ ,  $X^2$ , and  $X^3$  is  $R^1-Y^1-A-$  with each being the same or different when two of  $X^1$ ,  $X^2$ , and  $X^3$  are  $R^1-Y^1-A-$ , or  $X^2$  and  $X^3$  are linked together as  $N(H)-C(O)-N(R^1)-$ ; or optionally, one of  $X^1$ ,  $X^2$ , and  $X^3$  is H;

A is either a direct link,  $(\text{CH}_2)_k$  with  $k$  being an integer from 0 to 30, or O;

Y<sup>1</sup> is  $-(\text{CH}_2)_l-$  with  $l$  being an integer from 1 to 30,  $-\text{O}-$ ,  $-\text{S}-$ ,

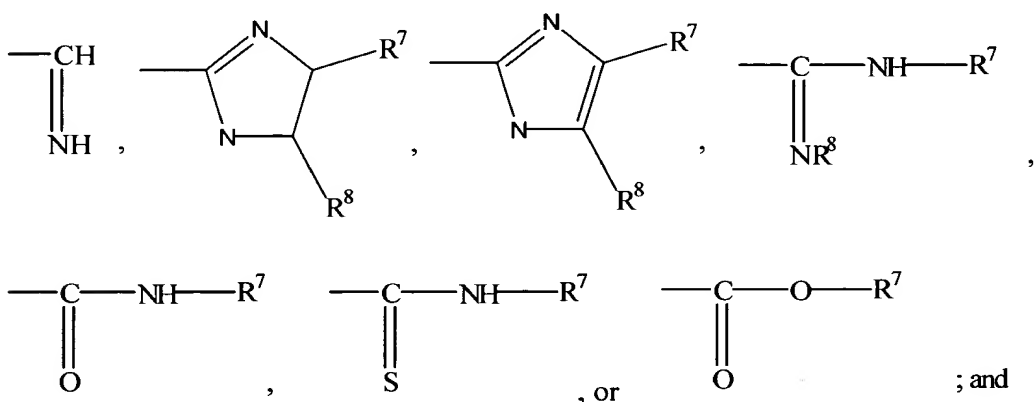
$$\begin{array}{c} \text{O} \\ || \\ -\text{C}-, \text{ or } -\text{NR}^2-; \end{array}$$

Z<sup>1</sup> is  $\text{---}(\text{CH}_2)_m\text{---}$  or  $\text{---O}(\text{CH}_2)_m\text{---}$  with  $m$  being an integer from 1 to 50,  $\text{---C}(\text{R}^3)\text{H---}$ ,  $\text{---NH---}$ ,  $\text{---O---}$ , or  $\text{---S---}$ ;

~~Z<sup>2</sup> is (CH<sub>2</sub>)<sub>n</sub> or O(CH<sub>2</sub>)<sub>n</sub> with n being an integer from 1 to 50~~  
~~or~~ ~~~~

$Q^1$  and  $Q^2$  are independently  $H_2$ ,  $=NR^4$ ,  $=O$ , a combination of H and  $—NR^5R^6$ ;

$R^1$ , for each of  $X^1$ ,  $X^2$ , or  $X^3$ , is independently hydrogen, a straight or branched-chain C1 to C30 alkyl, a straight or branched-chain C2 to C30 alkenyl, an aromatic or heteroaromatic ring with or without mono-, di-, or tri-substitutions of the ring, an acyl including a C1 to C30 alkyl or an aromatic or heteroaromatic ring, an arylalkyl including straight or branched-chain C1 to C30 alkyl, an aryloxyalkyl including straight or branched-chain C1 to C30 alkyl,



$R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$ ,  $R^7$ , and  $R^8$  are independently hydrogen, a straight or branched-chain C1 to C30 alkyl, a straight or branched-chain C2 to C30 alkenyl, an aromatic or heteroaromatic ring with or without mono-, di-, or tri-substitutions of the ring, an acyl including a C1 to C30 alkyl or aromatic or heteroaromatic ring, an arylalkyl including straight or branched-chain C1 to C30 alkyl, or an aryloxyalkyl including straight or branched-chain C1 to C30 alkyl;

wherein when  $X^2$  is  $R^1—Y^1—A—$  with A being a direct link,  $Y^1$  being  $—NH—$ , and  $R^1$  being a straight or branched chain alkyl group, the straight or branched chain alkyl group is a C5 to C30 alkyl group; and

wherein the compound of formula (I) is not lysophosphatidic acid, phosphatidic acid, cyclic phosphatidic acid, alkenyl glycerolphosphate, dioctyl glycerol pyrophosphate, or N-palmitoyl-L-serine.

2. (canceled)

3. (presently amended) The compound according to claim 1, wherein the compound is from group (ii) and wherein

$Q^1$  is  $H_2$ ;

$Q^2$  is  $=O$ ;

~~$X^1$  is  $(HO)_2PO-Z^1$ , with  $Z^1$  is being O; and~~

$X^2$  and  $X^3$  are  $R^1-Y^1-A$ , with A being a direct link and  $Y^1$  being  
—NH— for each.

4. (original) The compound according to claim 3, wherein  $X^3$  is  $-NH_2$  and  
 $X^2$  is  $-NHR^1$  with  $R^1$  being a C14 to C18 alkyl.

5. (original) The compound according to claim 4, wherein  $R^1$  is a C14  
alkyl.

6. (original) The compound according to claim 4, wherein  $R^1$  is a C18  
alkyl.

7. (original) The compound according to claim 3, wherein  
 $X^3$  is  $-NHR^1$  with  $R^1$  being an acetyl group and  
 $X^2$  is  $-NHR^1$  with  $R^1$  being a C14 alkyl.

8-11 (canceled)

12. (original) A pharmaceutical composition comprising:  
a pharmaceutically-acceptable carrier and  
a compound according to claim 1.

13-34 (canceled)